

AMENDED CLAIMS

[received by the International Bureau on 19 July 2005 (19.07.05),
original claims 1 to 23 unchanged; original claims 24 and 25 amended;
new claims 26 to 31 added (3 pages)]

22. The process of claim 11 wherein the said impure solution is the solution of the solid powder mixture of several chemicals, including chlorinated sucrose, made in water and subjected to purification by application of separation methods including column chromatography,
5 extraction in water immiscible solvent having selective affinity with chlorinated sucrose or chlorinated sucrose intermediates or chlorinated sucrose derivatives

23. The process of claim 11 when the said impure solution is the crude extract of chlorinated sucrose (or its intermediates or derivatives) from a solid
10 powder mixture of several chemicals, including chlorinated sucrose; extraction being done by water and the water extract being subjected to a any suitable extraction process including to conventional extraction in any suitable solvent, including ethyl acetate, methanol, methyl ethyl ketone, acetone, which are capable of selective extraction of substantially pure form of
15 chlorinated sucrose free from impurities.

24. Chlorinated sucrose, its intermediates, its derivatives of process of claim 1 to claim 23, at a least part of which is amorphous or non crystalline.

25. Chlorinated sucrose, its intermediates, its derivatives of claim 24 produced by process of claim 1 to 23.

20 26. Chlorinated sucrose, its intermediates, its derivatives of claim 24 which comprises of :

- i) average particle size of 8 micron or less, within a range of 5 micron to 8 micron.
- ii) residual moisture content of 10% or less, more particularly less than 5%, still more particularly less than 0.5%.

5 27. Chlorinated sucrose, its intermediates, its derivatives of chlorinated sucrose, its intermediates, its derivatives, at least a portion of which comprises of particles less than 20 micron precipitated as microcrystalline particles directly from a process of crystallization.

28. Chlorinated sucrose, its intermediates, its derivatives of claim 27
10 produced by process of claim 1 to 23.

29. Chlorinated sucrose, its intermediates, its derivatives of claim 27 which comprises of:

- i) average particle size distribution of 12 micron or less within a range of 8 micron to 10 micron
- 15 ii) various shapes ranging from globular particles to fully crystallized needles
- iii) residual moisture content of 10 % or less, more particularly less than 0.5%, still more particularly less than 0.3%

30. Chlorinated sucrose, its intermediates, its derivatives at least a part of
20 which consists of amorphous or non crystalline or of particles less than 20

micron microcrystalline particles produced directly from a process of crystallization.

31. 31. An oral composition, ingestible as well as non-ingestible including a toothpaste and a chewing gum, a food, a beverage; high intensity sweetener composition; in solid, semi-solid or liquid form, to which is added a composition of chlorinated sucrose one or more of claim 24, claim 25, claim 26, claim 27, claim 28, claim 29, and claim 30.